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PATENT  
0512-1352

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Christophe D'HULST et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed September 28, 2006

Examiner

METHOD FOR IMPROVING PLANTS

**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 28, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☒ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☐ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
 (check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

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Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

(Use several sheets if necessary)

Attorney Docket No.:  
**0512-1352**

Application No.:  
**NEW NATIONAL PHASE**

Applicant:  
**Christophe D'HULST et al.**

Filing Date:

Group Art Unit:

## **U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
/BP/	2003/135883	1/4/2001	SINGELTARY et al.			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/BP/	WO 98/40503	9/17/1998	INTERNATIONAL				
↓	WO 98/35051	8/13/1998	INTERNATIONAL				
↓	WO 97/44471	11/27/1997	INTERNATIONAL				
↓	WO 01/00833	1/4/2001	INTERNATIONAL				

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/BP/	SMITH ALISON M ET AL.; "STARCH MOBILIZATION IN LEAVES.", JANUARY 2003 (2003-01), JOURNAL OF EXPERIMENTAL BOTANY, VOL. 54, NR. 382, PAGE(S) 577-583, XP002289668, ISSN: 0022-0957, PAGES 580, PARAGRAPHE INTITULE "STARCH PHOSPHORYLASE"
↓	SONNEWALD U ET AL.; "A SECOND L-TYPE ISOZYME OF POTATO GLUCAN PHOSPHORYLASE.; CLONING, ANTISENSE INHIBITATION AND EXPRESSIO NANALYSIS", PLANT MOLECULAR IOLOGY, NIJHOFF PUBLISHERS, DORDRECHT, NL, VOL. 27 1995, PAGES 567-576, PX002044528 ISSN: 0167-4412, CITED IN THE APPLICATION ABSTRACT
↓	DUWENIG E ET AL.; "ANTISENSE INHIBITION OF CYTOSOLIC PHOSPHORYLASE IN POTATO PLANT (SOLANUM TUBEROSUM L.) AFFECTS TUBER SPROUTING AND FLOWER FORMATION WITH ONLY LITTLE IMPACT ON CARBOHYDRATE METABOLISM", PLANT JOURNAL, BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD, GB, VOL. 12, NO. 2, 1 AUGUST 1997 (1997-08-01), PAGES 323-333, XP002093023 ISSN: 0960-7412 ABSTRACT
↓	DUWENING E ET AL.; THE ROLE OF STARCH PHOSPHORYLASE IN POTATO.; THE FUNCTIONAL ANALYSIS OF AN ENIGMATIC ENZYME", PLANT PHYSIOLOGY, AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE MD, US, VOL. 111, NO. 2, JUNE 1996 (1996-06-01), PAGE 48, XP002070972, ISSN: 0032-0889 THE WHOLE DOCUMENT

EXAMINER:

/Brent Page/

DATE CONSIDERED

01/07/2009

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

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